



California Regional Water Quality Control Board Central Valley Region



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Arnold

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3 January 2007

Gene and Catherine Glaeser
Putah Creek Winery
8036 Slayback Ranch Lane
Davis, CA 95616

John and Kay Gist
5000 Sudbury Way
Carmichael, CA 95608

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 PUTAH CREEK WINERY, SOLANO COUNTY

Regional Water Board staff has reviewed your 11 July 2006 Report of Waste Discharge (RWD) and supplemental information received on 7 November 2006 for coverage under Resolution R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a *Notice of Non-Applicability* for compliance with the storm water General Permit and an \$872 filing fee. Our review finds the RWD to be substantially complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed), adopted by the Regional Water Board on 11 July 2003, is a conditional waiver of waste discharge requirements for small food processors including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the projected volume of wastewater to be produced.

Discharge Description

Gene and Catherine Glaeser operate Putah Creek Winery and John and Kay Gist own the land where the winery is operated at 9518 Drummond Lane, Davis, in Solano County. The winery is on approximately 20 acres; the property includes a building and crush pad on 3-acres and a 17-acre vineyard to which wastewater will be applied. The Discharger estimates that approximately twenty tons of grapes will be crushed annually producing approximately 7200 gallons of wine (approximately 3000 cases of wine). The Discharger estimates approximately 13,100 gallons of wastewater will be generated on an annual basis.

All activities producing wastewater will be conducted under the cover of an enclosed building equipped with drain(s) to collect wastewater. Wastewater will be screened in a floor drain, collected in a 1000-gallon tank, and then discharged daily to the vineyard as weather permits. The primary method of wastewater disposal will be overland flow to 17-acres of vineyard. No wastewater will be applied during times of precipitation or when the soil is saturated. Activities in the winery will be curtailed or modified to prevent the application of wastewater when

climatic or soil conditions do not allow application. The Discharger states that storm water is contained onsite and has filed a storm water Notice of Non-Applicability.

Based on the typical volume and strength of wastewater that will be produced, the anticipated maximum hydraulic and agronomic loading rates for the proposed disposal area fall within an acceptable range. Based on calculations, the proposed 17-acre land application area should have adequate hydraulic and nutrient uptake capacity to receive the total wastewater discharge from this facility and remain protective of groundwater and surface water quality.

The Discharger has identified Best Management Practices that will be implemented to minimize wastewater strength and potential odor problems, and to prevent hydraulic or nutrient overloading. Those practices include source control and management of winery activities consistent with climatic conditions. Wastewater data will be compiled and included in an annual report.

Solid waste produced by the facility will consist of grape seeds, stems, skins, and lees. It is estimated that no more than 6.8 tons of solid waste will be generated annually. Solid waste will be spread on the vineyard and tilled into the soil if needed to prevent odors. As a contingency solid waste management option, the Discharger can transport the waste to a landfill for disposal.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. This letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements (WDRs) for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. An annual report that contains the information described in Items No. 1, 2, and 5 of the monitoring and reporting program must be submitted by **1 February** of each year.

If the discharge violates the terms or conditions of the waiver, the Regional Water Board may take enforcement action including assessment of administrative civil liability. Gene and Catherine Glaeser retain primary responsibility for compliance with the waiver of WDRs, including day-to-day operation and monitoring. John and Kay Gist as owners of the real property where the winery activity and discharge will occur, are ultimately responsible for ensuring compliance with the waiver of WDRs on lands owned by them.

Based on the site conditions described in the RWD, staff estimates that Putah Creek Winery can crush and apply the wastewater from the equivalent of 20 tons of grapes (a maximum of 13,100 gallons/year wastewater). If the volume of wastewater exceeds 13,100 gallons per year or the method of winery wastewater and solids disposal change from those described in the RWD, the Discharger must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time the Discharger must submit a new RWD with filing fee to renew the waiver, or cease the discharge.

If you have any questions, please contact Mark List at (916) 464-4732.

- Original Signed by Jack E. Del Conte for -

PAMELA C. CREEDON
Executive Officer

Enclosures: General Order No. R5-2003-0106

cc: w/o enc Birgitta Corsello, Solano County Department of Resource Management,
Fairfield